

LTB00780NAS6

TECHNICAL BULLETIN

26 MAY 2017



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

303-05B / -05C: Accessory Drive

SUBJECT/CONCERN:

Accessory Drive Belt Idler Pulley Humming Noise

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
LR4 (LA)	2010-2016	510742-821203	Solihull	V6 S/C 3.0L Petrol /V8 N/A 5.0L Petrol
Range Rover Sport (LW)	2014-2016	001154-586560	Solihull	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Range Rover Sport (LW)	2014-2016	600009-652354	Solihull	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Range Rover (LG)	2013-2016	001204-286493	Solihull	V6 S/C 3.0L Petrol /V8 N/A 5.0L Petrol/V8 S/C 5.0L Petrol
Range Rover Sport (LS)	2010-2013	702709-814822	Solihull	V8 N/A 5.0L Petrol/V8 S/C 5.0L Petrol

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover (LM)	2010-2012	303094-360037	Solihull	V8 N/A 5.0L Petrol/V8 S/C 5.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A humming noise may be evident from the engine at idle.

CAUSE:

This may be caused by dust and/or water ingress to the accessory drive belt idler pulley bearing.

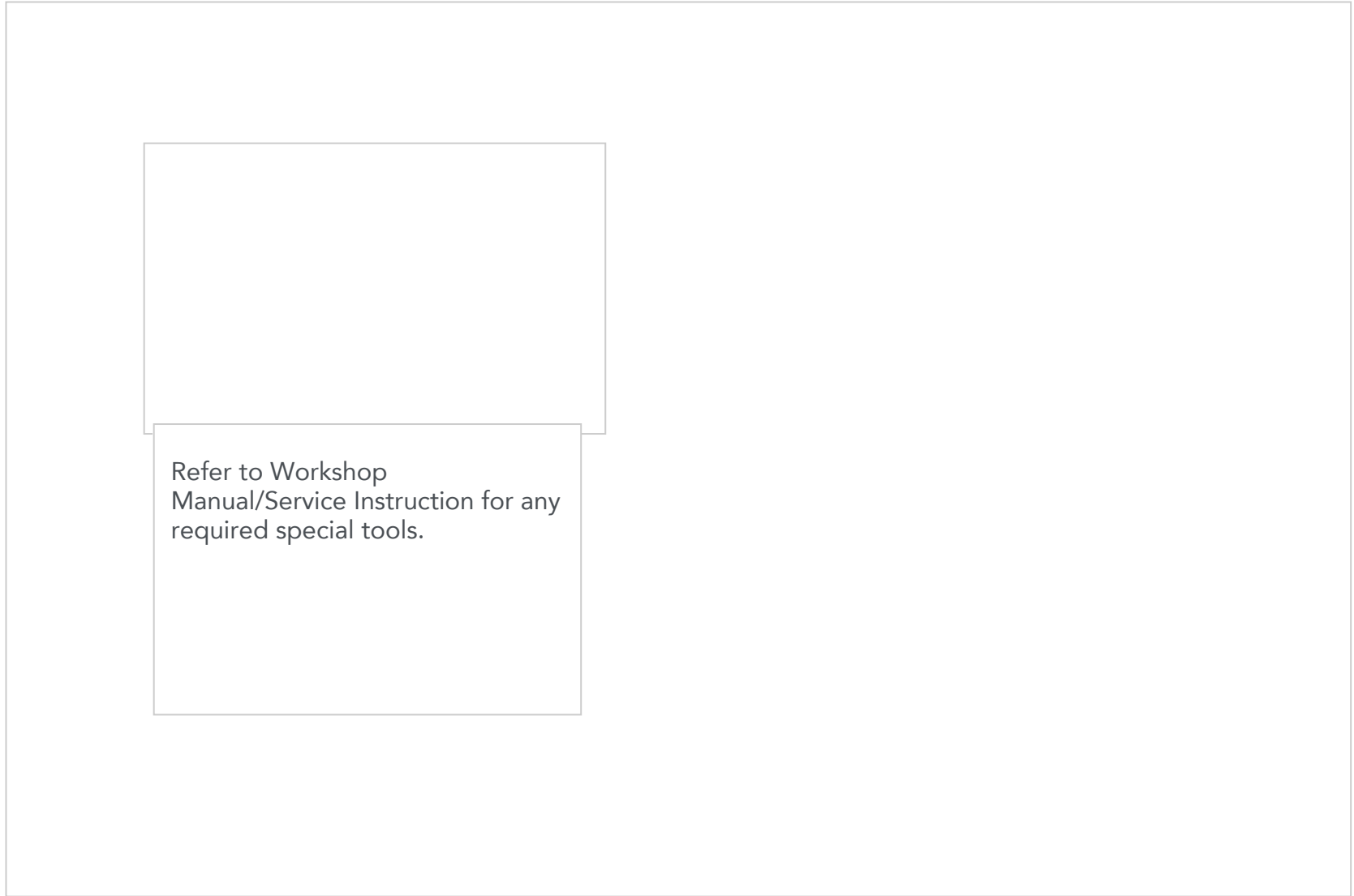
ACTION:

Should a customer express this concern, follow the Service Instruction below.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY:
LR099573	Idler pulley with bracket	1

TOOLS:



Refer to Workshop
Manual/Service Instruction for any
required special tools.

WARRANTY:

NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.
- DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - LR4 (L319; V6 3.0L S/C Petrol)	12.10.52	0.2	42	LR010689
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - LR4 (L319; V8 5.0L Petrol)	12.10.52	0.3	42	LR010689
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - Range Rover Sport (L494)	12.10.52	0.2	42	LR010689
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - Range Rover Sport (L320)	12.10.52	0.3	42	LR010689
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - Range Rover (L405)	12.10.52	0.2	42	LR010689
Idler Pulley and Bracket - RH - Front End Accessory Drive (FEAD) - Renew - Range Rover (L322)	12.10.52	0.2	42	LR010689

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

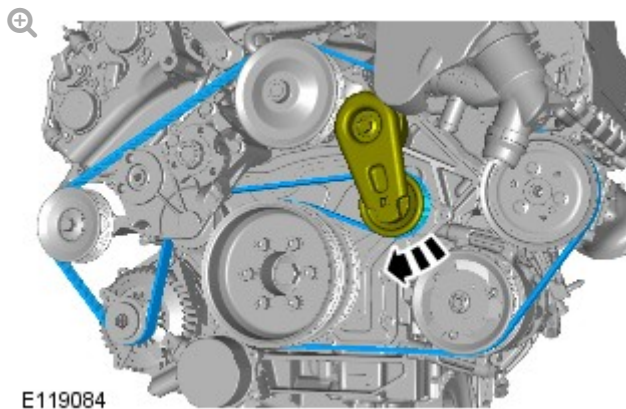
CAUTION:

The idler pulley with bracket **MUST** be replaced as a set. Fitting the new idler pulley onto the old bracket or the new bracket to the old Idler pulley could introduce a misalignment.

- 1 Remove the T-connector from the air cleaner outlet pipe (see TOPIx Workshop Manual section 303-12: Intake Air Distribution and Filtering).
-

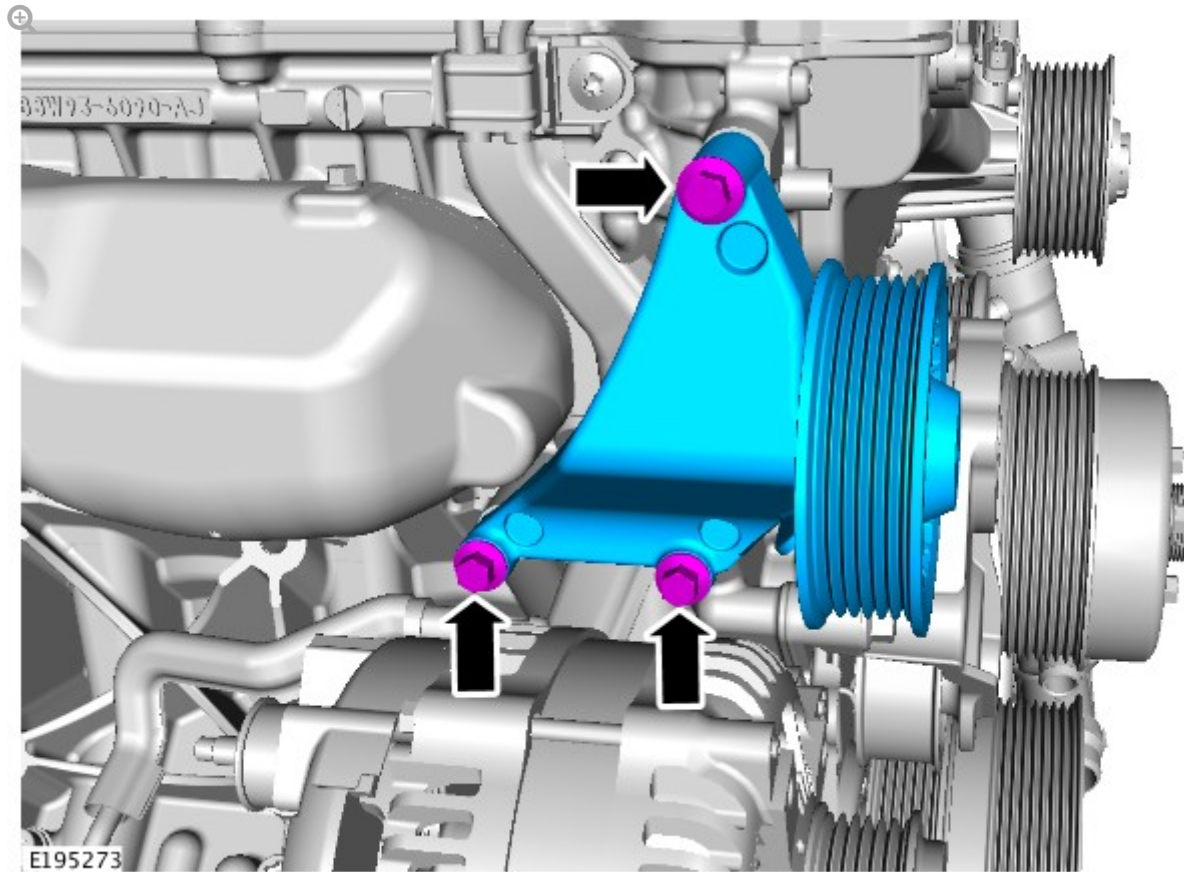
2 **NOTE:**

Note the fitted position of the accessory drive belt.



Loosen the accessory drive belt and remove from the idler pulley.

3



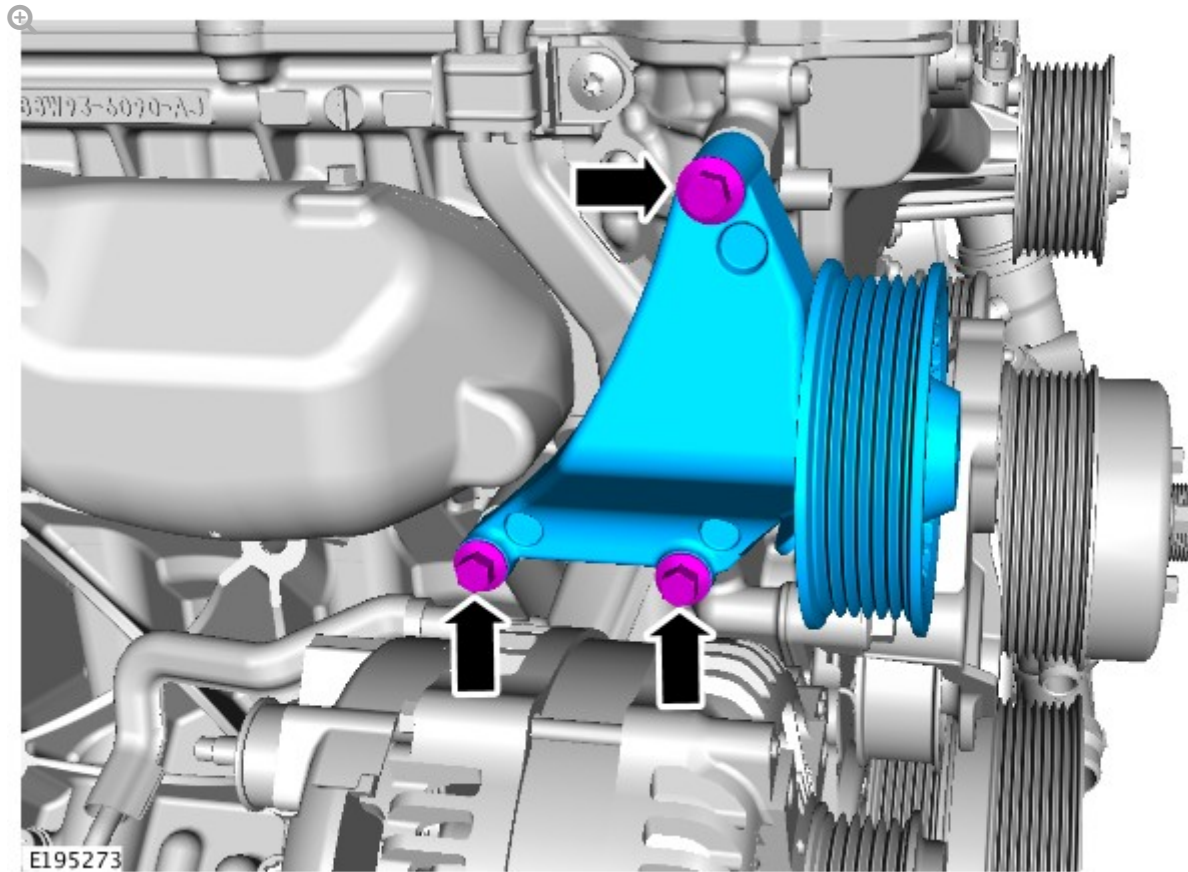
Remove the accessory drive belt idler pulley and bracket assembly.

- Retain the fasteners.

4

CAUTION:

The idler pulley with bracket **MUST** be replaced as a set. Fitting the new idler pulley onto the old bracket or the new bracket to the old Idler pulley could introduce a misalignment.



Install the new accessory drive belt pulley and bracket assembly.

- Torque: **25Nm**

5

CAUTION:

Make sure that the accessory drive belt is correctly located on each pulley.

Install the accessory drive belt.

- 6 Install the T-connector from the air cleaner outlet pipe (see TOPlx Workshop Manual section 303-12: Intake Air Distribution and Filtering).